



# Product List

Effective April 2014

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# IP Cameras & Edge Devices



V960-N IP Day/Night Camera

Vicon network cameras, available in both megapixel and standard resolution models, connect directly to your IP network, and may be remotely viewed and controlled through video management software. Many models are ONVIF compliant and offer a choice of transmission modes, including H.264, MPEG-4 and M-JPEG compression, minimizing bandwidth and storage requirements.

Plus, using Vicon cameras in conjunction with ViconNet software offers a huge long-term financial benefit not available elsewhere. There are no licensing fees when you use Vicon cameras as part of your network! Only the combination of Vicon's quality IP cameras used within a ViconNet video management system can offer you that.

Use video from these cameras within a wide range of applications, including HD command and control centres using Vicon's virtual matrix display controller, video management with integrated access control or license plate recognition software, and with Vicon's video many video analytic detection modules.

## SurveyorHD Camera Dome Systems



5" compact dome system includes variable speed drive, housing, integral 720p or 1080p day/night camera/lens module with 18x optical zoom, lower dome and 24VAC power supply. Indoor lower domes are grey tint, outdoor are clear. Automatic or manual switching of day/night colour/mono on camera for low light conditions. With an on-board ViconNet TCP/IP video transmission module for direct connection to an IP network.

*Unit will be supplied with most current version of ViconNet (presently V6) unless requested at time of order placement.*

<b>SN118C</b>	Indoor Surveyor HD, 720P, 18x, ONVIF, WDR, Privacy Masks, Schedules, in-ceiling housing.
<b>SN118D</b>	Indoor Surveyor HD, 720P, 18x, ONVIF, WDR, Privacy Masks, Schedules, pendant housing,
<b>SN118W</b>	Outdoor Surveyor HD, 720P, 18x, ONVIF, WDR, Privacy Masks, Schedules, weatherproof pendant housing.
<b>SN118M</b>	Outdoor Surveyor HD, 720P, 18x, ONVIF, WDR, Privacy Masks, Schedules, maximum security housing.
<b>SN118P</b>	Outdoor Surveyor HD, 720P, 18x, ONVIF, WDR, Privacy Masks, Schedules, pressurised pendant housing.
<b>SN220C</b>	Indoor Surveyor HD, 1080P, 18x, ONVIF, WDR, Privacy Masks, Schedules, in-ceiling housing .
<b>SN220D</b>	Indoor Surveyor HD, 1080P, 18x, ONVIF, WDR, Privacy Masks, Schedules, pendant housing.
<b>SN220M</b>	Outdoor Surveyor HD, 1080P 18x, ONVIF, WDR, Privacy Masks, Schedules, maximum security housing.
<b>SN220P</b>	Outdoor Surveyor HD, 1080P, 18x, ONVIF, WDR, Privacy Masks, Schedules, pressurised pendant housing.
<b>-FM</b>	Integral media convertor for multi-mode fibre (add to dome price above)
<b>-IPC</b>	Integral media convertor for Ethernet over Coax (add to dome price above)

## Cruiser PTZ Dome System



Economical PTZ Network Dome Camera with 4.3" diameter dome assembly. Includes high speed drive and integral 4CIF day/night camera module. Clear lower dome and black inner mask.

<b>SN663V-P</b>	HD Cruiser Network PTZ Dome, 22x [3.9-85.8mm], 1080P, surface mount, vandal-proof, IP66, TDN, 8 Privacy Masks, Motion Detection, Triple Stream, H.264/MPEG4/MPEG, ONVIF, PoE/24 VAC, MicroSD.
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**SN680D-WNIR**

1080P Network PTZ camera. 30x Zoom. Integrated IR LED (150m range). Colour: 0.5 lux, B/W: 0.11 lux. WDR. 2 way audio, Power: 12VDC (36W). Image stabilization. Privacy Masks.  
*Requires S12-PS Power Supply.*

Mounting Accessories:

**V660-HDB243**

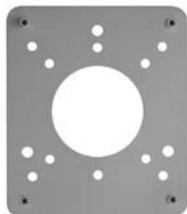
Wall-mount arm for indoor camera domes.

**V660-HDB242-VS8**

Wall-Mount bracket for SN663V-P, S660V-P, S660-P, V661D & V66xV domes.

**V660-HCM150**

Corner Mount adapter for V660-HDB243 & V660-HDB242-VS8 - requires V600-HCM154 or V660-HCM155 depending on wall-mount used.

**V660-HCM154**

Adapter Plate for use with V660-HCM150 or V660-HCM151.(compatible with V660-HDB242-VS8 only)

**V660-HCM155**

Adapter Plate for use with V660-HCM150 or V660-HCM151.(compatible with V660-HDB243 only)

**V660-HCM151**

Pole-mount adapter for Impact Resistant domes. Used with V660-HVPWCB2.

**V660-HCM152**

Corner/Pole Mount Adapter Plate; allows the V660-HPB024 Wall Mount arm to mount to V660-HCM150 or V660-HCM151.

**V660-HCS300**

In-Ceiling Mount for SN660V-P

**V660-HDA202**

NPT-pipe adapter for Impact Resistant domes.

**V660-HDB242**

Pendant Arm for SN680 & S660VW PTZ.

**V660-HDB241**

Pole for SN680 & S660VW PTZ.

**S660-HAH**

Heater option for SN660V-P dome.

## Surveyor VFT Day/Night Camera Dome Systems



5" compact dome system includes variable speed drive, housing, integral day/night camera/lens module with 23x or 35x optical zoom, lower dome and 24VAC power supply. Indoor lower domes are grey tint, outdoor are clear. Automatic or manual switching of day/night colour/mono on camera for low light conditions. With an on-board ViconNet TCP/IP video transmission module for direct connection to an IP network.

*Unit will be supplied with most current version of ViconNet (presently V6) unless requested at time of order placement.*

**SVFT-C23-V5-C**

Indoor 5" compact dome system, in-ceiling housing, 23x zoom

**SVFT-P23-V5-C**

Indoor 5" compact dome system, pendant housing, 23x zoom

**SVFT-W23-V5-C**

Outdoor 5" compact dome system, pendant housing, 23x zoom

**SVFT-W36-VP**

Outdoor 5" compact dome system, pendant housing, 36x zoom



### Surveyor VFT Impact-Resistant Camera Dome Systems



Dome system with all the features and appearance of the Surveyor VFT but with an aluminium upper housing and polycarbonate lower dome to provide exceptional protection against vandalism. Systems include variable speed drive, exterior housing, integral camera/lens, clear polycarbonate lower dome and 24VAC power supply. Standard Surveyor brackets are used for mounting. With an on-board ViconNet TCP/IP video transmission module for direct connection to an IP network.

*Unit will be supplied with most current version of ViconNet (presently V6) unless requested at time of order placement.*

**SVFT-M23-V5-C** DAY/NIGHT 23x camera/lens, impact-resistant dome system

**SVFT-M36-VP** DAY/NIGHT 36x camera/lens with wide dynamic range and image stabilisation, impact-resistant dome system

### Surveyor VFT Pressurised Camera Dome Systems



Dome system with all the features of the Surveyor VFT but with a sealed and pressurised housing that is environmentally controlled using a thermostatically controlled heater & fan assembly. Systems include variable speed drive, housing, integral camera/lens, clear lower dome and 24VAC power supply. With an on-board ViconNet TCP/IP video transmission module for direct connection to an IP network.

*Unit will be supplied with most current version of ViconNet (presently V6) unless requested at time of order placement.*

Complete dome systems:

**SVFT-PRS23-V5-C** DAY/NIGHT, 23x zoom, camera pressurised dome system with sealed, pendant housing. IP67

**SVFT-PRS36-VP** DAY/NIGHT, 36x zoom, wide dynamic range, image stabilisation, camera pressurised dome system with sealed, pendant housing. IP67

**SVFT-PRC2-IP** IP Cable assembly for SVFT-PRS. 2 ft 4 twisted pairs outdoor weatherproof IP cable. Male and female connectors.

### Surveyor Dome Mounting Options



**SVFT-UWM** Wall mount bracket for Surveyor VFT or Mini domes.

**V24CMB** Corner mount bracket for use with SVFT-UWM.



**SVFT-WM** Short wall mount bracket for Surveyor VFT or Mini domes.



**SVFT-UCM** Ceiling bracket for Surveyor VFT or Mini domes.

**SVFT-IC-KT** Surveyor VFT dome in-ceiling mounting rail kit for extra support



**SVFT-USN-PM** Pole mounted swan-neck bracket for Surveyor VFT or Mini domes.



**SVFT-UPM-1** Parapet mount for Surveyor VFT or Mini domes



**SVFT-URM-1** Roof mount for Surveyor VFT or Mini domes.

### IP Box Cameras



Powerful IP video source for a digital video management system, with ONVIF compliance. The box cameras are fully compatible with V6.5 ViconNet® and are capable of remote management and control from ViconNet workstations or Kollector digital recorders. 25fps of high quality VGA, 720p or 1080p video across the network using H.264 compression. Power over Ethernet (PoE) eliminates need for separate power supply.

*Unit is compatible with ViconNet Version 6.5 or newer.*

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|------------------|--|
| <b>V960-N</b>    | VGA IP Camera. TDN. C/CS Mount. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.   |
| <b>V961-N</b>    | 720P IP Camera. TDN. C/CS Mount. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.  |
| <b>V962-N</b>    | 1080P IP Camera. TDN. C/CS Mount. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE. |
| <b>V923-N-IP</b> | 3MP IP Camera. TDN. C/CS Mount. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.   |

### Hemispheric Fixed Domes



4 megapixel dome camera with a 180 degree fisheye lens that allows the camera to capture the entire environment. Software inside of the camera removes the distortion and streams panoramic video or virtual camera streams. The camera can be configured to electronically track objects.

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|------------------|---|
| <b>V9360</b>     | H.264/MPEG-4/MJPEG, 4 Megapixel ONVIF Day/Night CMOS PoE/DC 12v Hemispheric 180°/360° Panoramic IP Camera Fisheye Lens, internal plastic enclosure. |
| <b>V9360W</b>    | H.264/MPEG-4/MJPEG, 4 Megapixel ONVIF Day/Night CMOS PoE/DC 12v Hemispheric 180°/360° Panoramic IP Camera Fisheye Lens, IP66 enclosure.             |
| <b>V9360-WM</b>  | Wall-mount bracket for V9360/V9360W.  |
| <b>V9360-FMK</b> | Flush-mount kit for internal V9360.   |

## IP Internal Fixed Domes



Powerful IP video source for a digital video management system, with ONVIF compliance. The internal fixed dome cameras are fully compatible with V6.5 Vi-conNet® and are capable of remote management and control from ViconNet workstations or Kollektor digital recorders. 25fps of high quality VGA, 720p or 1080p video across the network using H.264 compression. Power over Ethernet (PoE) eliminates need for separate power supply.

*Unit is compatible with ViconNet Version 6.5 or newer.*

<b>V960D-N312</b>	VGA Indoor IP Dome. TDN. 3.3-12mm auto-iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V960D-N312M</b>	VGA Indoor IP Dome. TDN. 3.3-12mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V960D-N922M</b>	VGA Indoor IP Dome. TDN. 9-22mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V961D-N312</b>	720P Indoor IP Dome. TDN. 3.3-12mm auto-iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V961D-N312M</b>	720P Indoor IP Dome. TDN. 3.3-12mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V961D-N922M</b>	720P Indoor IP Dome. TDN. 9-22mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V962D-N312</b>	1080P Indoor IP Dome. TDN. 3.3-12mm auto-iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V962D-N312M</b>	1080P Indoor IP Dome. TDN. 3.3-12mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.
<b>V962D-N922M</b>	1080P Indoor IP Dome. TDN. 9-22mm motorize focus/zoom P-Iris. Dual Stream. H.264/MPEG. ONVIF. 12VDC/24VAC/POE.

### Mounting Accessory

<b>V960D-KIT</b>	Flush mounting kit for recessed mounting of V960D series of indoor domes.
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## IP Bullet Cameras



Powerful IP video source for a digital video management system, with ONVIF compliance. The external fixed bullet cameras with integral IR illumination are fully compatible with V6.5 ViconNet® and are capable of remote management and control from ViconNet workstations or Kollektor digital recorders. 25fps of high quality VGA, 720p or 1080p video across the network using H.264 compression. Power over Ethernet (PoE) eliminates need for separate power supply.

*Unit is compatible with ViconNet Version 6.5 or newer.*

<b>V960B-IR312</b>	IP fixed bullet camera, includes day/night camera with IR and 3-12mm varifocal autoiris lens, VGA resolution.
<b>V961B-IR312M</b>	IP fixed bullet camera, includes day/night camera with IR and 3-12mm motorised varifocal P-iris lens, 720p resolution.
<b>V962B-IR312M</b>	IP fixed bullet camera, includes day/night camera with IR and 3-12mm motorised varifocal P-iris lens, 1080p resolution.
<b>V962B-IR922M</b>	IP fixed bullet camera, includes day/night camera with IR and 9-22mm motorised varifocal P-iris lens, 1080p resolution.

## Roughneck Fixed Domes



Roughneck® V920D series of IP dome cameras, with ONVIF compliance. IP66 and IK10 rated enclosures designed for demanding security installations. Compatible with ViconNet V6.5. 25fps at D1, 720p or 1080p using H.264 compression. Power over Ethernet (PoE) supported if heater is not required. 12VDC/24VAC for external use.

*Unit is compatible with ViconNet Version 6.5 or newer.*

- V920D-N39-IP** IP SURFACE MOUNT INDOOR/OUTDOOR DOME CAMERA; SD (D1, 0.3 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V920D-N39IR-IP** IP SURFACE MOUNT INDOOR/OUTDOOR DOME CAMERA; SD (D1, 0.3 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris lens; PoE, 24 VAC or 12 VDC capability; IR Illuminators; heater and clear dome. ONVIF
- V921D-N39-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 720p (1 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V921D-N39M-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 720p (1 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V921D-39D-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 720p (1 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with WDR; 3-9 mm varifocal autoiris lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V921D-N39MIR-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 720p (1 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; IR Illuminators; heater and clear dome. ONVIF
- V922D-N39-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 1080p (2 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V922D-N39M-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 1080p (2 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V922D-39MD-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 1080p (2 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with WDR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V922D-N39MIR-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 1080p (2 megapixel) maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; IR Illuminators; heater and clear dome. ONVIF

- V923D-N39M-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 3 megapixel maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR and WDR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; heater and clear dome. ONVIF
- V923D-N39MIR-IP** IP SURFACE MOUNT INDOOR/OUTDOOR VANDAL-RESISTANT DOME CAMERA; 3 megapixel maximum resolution; includes 1/2.8-in. high-resolution day/night camera with DNR and WDR; 3-9 mm varifocal autoiris motorized (zoom/focus) lens; PoE, 24 VAC or 12 VDC capability; IR Illuminators; heater and clear dome. ONVIF

Mounting Accessories:

- V920-PH** Indoor/Outdoor pendant housing for use with V920 camera systems. Permits use with SVFT brackets.
- V920-ICD** In-Ceiling Mounting Kit: indoor dropped ceiling for V920 camera domes. Steel construction
- V920-ICH** In-Ceiling Mounting Kit: indoor hard ceiling for V920 camera domes. Steel construction

## Roughneck Cell Camera



- V-CELL-HD** 1080p HD Corner mount cell camera in a high security housing. 850nm IR LED. microphone & speaker. 2.6mm lens. privacy module. Triple Stream. H.264/MPEG4/H.264. 24VAC/12VDC/PoE. ONVIF

## Mini-Cube Network Camera



HD resolution network camera designed for indoor security installations. Incorporates integral IR illumination and motion detection.

- V905-CUBE** H.264 2MP mini-cube camera. 3.6mm fixed focal length lens. Triple stream. Microphone & Speaker. PIR and LED light. Privacy Masking. ONVIF compliant. Micro SD. PoE. 1600x1200 pixels.

### ViconNet IP Video Encoders

Digital video servers. Collect video from local analogue inputs and send streamed video over the network to any Collector Elite or ViconNet PC workstation. Include 24 VAC power supply.

*Unit will be supplied with most current version of ViconNet (presently V6) unless requested at time of order placement.*



**VN-901T** H.264 1-channel video server. Accepts 1 analogue video input (NTSC/PAL) for transmission over IP networks 25fps (PAL). PoE/12VDC/24VAC. ONVIF. Bi-directional Audio: G.711



**H264-ENCDR** H.264 4-channel video server. Accepts 4 analogue video inputs for transmission over IP networks. 100fps (PAL). 4x Audio inputs.

**H264-16CH-ENCDR** H.264 16-channel video server. Accepts 16 analogue video inputs for transmission over IP networks. 400fps (PAL). 8x Audio inputs. 8x Alarm Inputs.



**H264-ENCDR-RK8** Rack Kit for use with H264-ENCDR server. Mounts up to 8 H264-ENCDR servers in a standard 19" rack. 5U space.



**H264-ENCDR-RK2** Double-wide unit rack mount kit for H264-ENCDR . Mounts 2 H264-ENCDR units in a standard 19" rack.

**H264-ENCDR-WM** Wall mount bracket for H264-ENCDR .

### Power Supplies

**VC12PS-DC** Converts 240 VAC to 12 VDC

**VC24PS-240** Power adaptor, converts 240 VAC to 24 VAC @ 500 mA

**S24-PS** 24VAC power supply. Converts 240VAC to 24VAC. 2.5 amps

**S12-PS** 12VDC power supply. Converts 240VAC to 12VDC. 5 amps.

## Network Switches



**NETSWITCH-8-1000** Network switch, 8-channel LAN connections, 10/100/1000 auto-sensing ports.

**NETSWITCH-16-1000** Network switch, 16-channel LAN connections, 10/100/1000 auto-sensing ports.

**NETSWITCH-8-POE** Network switch, 8-channel LAN connections (up to 8 PoE @ 7.7W, 4 PoE @ 15.4W), 10/100/1000 auto-sensing ports.

**NETSWITCH-24-POE** Network switch, 24-channel LAN connections (up to 24 PoE ), 10/100/1000 auto-sensing ports.

## Uninterruptible Power Supplies

**V5130-UPS-RM**      **7919-01**      Single phase UPS, 1.25kVA, rack mount



# Digital Recording & Network Video Systems



Kollector Force Network Recorder

ViconNet is an open-architecture, feature-rich video management software solution that delivers complete access to live and recorded security video across your network. Supporting industry-standard compression and transmission formats, including H.264, ViconNet displays and records clear, high-resolution video while minimizing bandwidth and storage requirements. Megapixel and IP cameras from Vicon and other major manufacturers can be viewed and controlled using ViconNet software, which is managed using one of several intuitive interfaces: a standard web browser-based option, a PC workstation drag-and-drop GUI, or a virtual matrix display controller that supports multiple monitors in a command-and-control setting.

ViconNet's video management functions can be easily integrated with those of other security solutions, including access control, video analytics and license plate recognition. A unique, events management feature allows integrators and end-users to tie events from third-party software to corresponding video within ViconNet, and to program macros that perform any number of actions in response, such as initiating recording, adjusting the recording speed, changing a video display, sending an email, playing an audio file and displaying a public or private URL. In addition, ViconNet stores the event along with the related video for future retrieval and forensic reporting. By combining the power of ViconNet with other software, you can create a robust, integrated security system that is easily managed over a single network, often from a single interface, and is tailored to your specific needs.

Make installation and maintenance easier with pre-loaded NVRs, DVRs and workstations.

ViconNet is PC-based software that can run on any off-the-shelf hardware that meets our specifications. However, we offer the convenience of NVRs, hybrid DVRs and workstations that are preloaded with ViconNet and ready to connect to your network. Models are available with a wide range of processing speeds, hard drives, and internal and external storage options.

## ViconNet Video Management Software



<b>VN-NVR-SW</b>	ViconNet V6 NVR Software. Single site license. Full ViconNet functionality. Requires separate third party camera licences.
<b>VN-SW-ZONE-24</b>	ViconNet V6 NVR Software for use with up to 24 IP cameras. Single site license. Full ViconNet functionality. Requires separate third party camera licences.
<b>VN-SW-ZONE-16</b>	ViconNet V6 NVR Software for use with up to 16 IP cameras. Single site license. Full ViconNet functionality. Requires separate third party camera licences.
<b>VN-SW-ZONE-9</b>	ViconNet V6 NVR Software for use with up to 9 IP cameras. Single site license. Full ViconNet functionality. Requires separate third party camera licences.
<b>VN-CAM-LIC</b>	Connection Licence for non-ViconNet cameras to ViconNet V6 system. One camera licence.
<b>VN-WS-SW</b>	VICONNET WORKSTATION SOFTWARE; for use with ViconNet Digital Recorders, Video Encoders and ViconNet IP Cameras. Full ViconNet functionality except recording. Single PC license.
<b>VN-NUC-SW</b>	ViconNet Nucleus Software for system management purposes. Requires a dedicated PC. Single server license.
<b>VN-WEB+MOBILE-SW</b>	VICONNET WEB SERVICE AND MOBILE APPLICATION SOFTWARE; software package for PC being used as a standalone Web Service or with mobile application. Single server license.
<b>VN-HIRSCH-INTV5</b>	VICONNET-HIRSCH INTEGRATION SOFTWARE; to use ViconNet version 5.6 on a Hirsch Velocity access control workstation.
<b>VN-LENEL-INTV6</b>	VICONNET-LENEL INTEGRATION SOFTWARE; to use ViconNet version 6 on a Lenel OnGuard access control workstation.
<b>VN-SWH-INTV6</b>	VICONNET-SOFTWARE HOUSE INTEGRATION SOFTWARE; to use ViconNet version 6 on a Software House C-CURE 9000 access control workstation
<b>VMDC-SW</b>	Virtual Matrix Display Controller Software (installation on 3rd party server) Single Site Licence.
<b>VN-NVR-SWV6-UPGRADE</b>	UPGRADE FOR NVR RECORDING SOFTWARE; single server licence
<b>VN-WS-SWV6-UPGRADE</b>	UPGRADE FOR WORKSTATION SOFTWARE; single server licence
<b>VN-DVR-SWV6-UPGRADE</b>	UPGRADE FOR DVR RECORDING SOFTWARE; single server licence
<b>VMDC-SW-UPGRADE</b>	UPGRADE FOR VMDC WORKSTATION SOFTWARE; single server licence
<b>VN-WEB/MOB-UPGRADE</b>	UPGRADE FOR WEB/MOBILE SOFTWARE; single server licence
<b>VN-NUC-SWV6-UPGRADE</b>	UPGRADE FOR NUCLEUS; single server licence

*For recommendations on PC specifications, network switches, hubs, and back-up devices such as DVD, CD-Rom and RAID storage devices please call the Sales Office. These items can also be supplied by Vicon.*

# Digital Recording & Network Video Systems

## ViconNet Nucleus & Operator Control

A ViconNet Nucleus PC is recommended for use with multiple Kollektor units. ViconNet Workstations are available for use at operator control and review/archiving positions.



### VN-NUC

ViconNet Nucleus. Fully configured rack-mount PC running VN-WS-SW Workstation software. Recommended for use with multiple Kollektor Force and Strike digital recorders. Includes Event Management for XML based integration with 3rd party systems.



### VN-WS-PC

ViconNet Workstation. Includes fully configured Tower PC and VN-WS-SW Workstation software V6. No recording facility. For use with Kollektor Force and Strike digital recorders and all ViconNet server products. Includes LCD monitor.

### VN-WS-PC-R

ViconNet Workstation. Includes fully configured Rack-mounted PC and VN-WS-SW Workstation software V6. No recording facility. For use with Kollektor Force and Strike digital recorders and all ViconNet server products.

**VN-WEB-SYSTEMR** Fully configured Rack-mounted Web Server for ViconNet systems



### V1500X-SCCS

System Console Control Station. Used to control Pilot control systems and ViconNet digital video management systems, including Virtual Matrix Display Controller (VMDC).



### VMC-V1411J

Desk-top keypad (V1411J-DVC) with RS232-RS422 converter to enable use with ViconNet Workstation. USB-RS232 converter available separately for use with Kollektor Strike.

## ViconNet Network Video Recorders

Network Video Recorders come with preloaded ViconNet version 6 NVR software to view, record and configure ViconNet IP devices and recorders and are external RAID ready.



**VN-NVR-ZONE-9** ViconNet ZONE 9-channel Network Video Recorder. Desktop PC. 1TB Storage.

**VN-NVR-ZONE-16** ViconNet ZONE 16-channel Network Video Recorder. Desktop PC. 1TB Storage.

**VN-NVR-ZONE-24** ViconNet ZONE 24-channel Network Video Recorder. Desktop PC. 2TB Storage.

**VN-NVR** ViconNet Network Video Recorder. Includes fully configured Tower PC and VN-NVR-SW NVR and Workstation software V6. For use with all ViconNet server products. With 2TB internal storage. Includes LCD monitor.



**VN-NVR-ZONE-9R** ViconNet ZONE 9-channel Network Video Recorder. Rack-mount PC. 1TB Storage.

**VN-NVR-ZONE-16R** ViconNet ZONE 16-channel Network Video Recorder. Rack-mount PC. 1TB Storage.

**VN-NVR-ZONE-24R** ViconNet ZONE 24-channel Network Video Recorder. Rack-mount PC. 2TB Storage.

**VN-NVR-R** ViconNet Network Video Recorder. Includes fully configured Rack-mounted PC and VN-NVR-SW NVR and Workstation software V6. For use with Kollector Force and Strike digital recorders and all ViconNet server products.

Vicon's free mobile app allows connection to a ViconNet system from an iPhone, iPad or Android device. For Apple devices, the app is available at the Apple App store; go to Google play for Android devices.

## ViconNet Network Video Recorder Shadow with Internal RAID

Network Video Recorders come with preloaded ViconNet version 6 NVR software to view, record and configure ViconNet IP devices and recorders. With integral RAID5 storage. Now using 4TB drives for extended storage.



- |                         |  |
|-------------------------|--|
| <b>VN-NVR-8TBV6-R5</b>  | ViconNet Network Video Recorder with preloaded ViconNet version 6 software: view, record and configure ViconNet IP devices and recorders; internal RAID with 8TB RAID5 usable storage Rack-mount. 711mm deep chassis.  |
| <b>VN-NVR-16TBV6-R5</b> | ViconNet Network Video Recorder with preloaded ViconNet version 6 software: view, record and configure ViconNet IP devices and recorders; internal RAID with 16TB RAID5 usable storage Rack-mount. 711mm deep chassis. |
| <b>VN-NVR-20TBV6-R5</b> | ViconNet Network Video Recorder with preloaded ViconNet version 6 software: view, record and configure ViconNet IP devices and recorders; internal RAID with 20TB RAID5 usable storage Rack-mount. 711mm deep chassis. |
| <b>VN-NVR-40TBV6-R5</b> | ViconNet Network Video Recorder with preloaded ViconNet version 6 software: view, record and configure ViconNet IP devices and recorders; internal RAID with 40TB RAID5 usable storage Rack-mount. 711mm deep chassis. |
| <b>VN-NVR-56TBV6-R5</b> | ViconNet Network Video Recorder with preloaded ViconNet version 6 software: view, record and configure ViconNet IP devices and recorders; internal RAID with 56TB RAID5 usable storage Rack-mount. 711mm deep chassis. |

*The Shadow is also available with RAID6 configuration for the same price. Note that the usable storage will be reduced.*

## ViconNet Virtual Matrix Control



ViconNet V6 Virtual Matrix Display Controller offers 2, 4 or 6 monitor outputs. Up to a maximum of 150 streams (frame rate and video quality dependent)

- |                |  |
|----------------|--|
| <b>VMDC-6R</b> | ViconNet Virtual Matrix Display Controller with 6 display outputs. Single license. Rack mount. |
| <b>VMDC-4R</b> | ViconNet Virtual Matrix Display Controller with 4 display outputs. Single license. Rack mount. |
| <b>VMDC-2R</b> | ViconNet Virtual Matrix Display Controller with 2 display outputs. Single license. Rack mount. |
| <b>VMDC-6</b>  | ViconNet Virtual Matrix Display Controller with 6 display outputs. Single license. Tower.      |
| <b>VMDC-4</b>  | ViconNet Virtual Matrix Display Controller with 4 display outputs. Single license. Tower.      |
| <b>VMDC-2</b>  | ViconNet Virtual Matrix Display Controller with 2 display outputs. Single license. Desk-top    |



**VN-DECODER-2** ViconNet 2-Channel Digital Video Decoder, for use with Virtual Matrix Controller



**V1500X-SCCS** System Console Control Station. Used to control both Pilot control systems and ViconNet digital video management systems, including Virtual Matrix Display Controller (VMDC).

## Kollector Strike Digital Recorders



Superior performance hybrid digital video recording system with full network capabilities. 1U chassis. Maximum 864 x 586 pixel resolution. Optimised MPEG-4 compression, H.264 or M-JPEG. 4 audio channels, 4 alarm inputs. Automatic operation programmed through macros and executed by Scheduler. 100fps, 200fps and 400fps models (PAL). Single storage drive supported (4TB maximum - contact Sales Office for 2TB-4TB versions). Complete with 16-channel viewing software and ViconNet version 6 master control software. Can access, control, configure and record from any Kollector unit on a network and up to 8 additional IP channels. Use of UPS is strongly recommended.

### 100 fps models.

- KS1B1-1000V6** Kollector Strike hybrid DVR; preloaded ViconNet Version 6, 16-channel networked digital video recorder, 100fps (50fps using H.264), internal OS HD, 1TB data HD and DVD drive, 4-channel audio, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR
- KS1-SANV6** Kollector Strike hybrid DVR; for use with external SAN-RAID only; preloaded ViconNet Version 6, 16 analogue channels at 100 fps (ViconNet compression) or 50 fps (H.264 compression); no internal HD, NTSC/EIA and PAL/CCIR

### 200 fps models.

- KS2B1-1000V6** Kollector Strike hybrid DVR; preloaded ViconNet Version 6, 16-channel networked digital video recorder, 200fps (100fps using H.264), internal OS HD, 1TB data HD and DVD drive, 4-channel audio, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR
- KS2-SANV6** Kollector Strike hybrid DVR; for use with external SAN-RAID only; preloaded ViconNet Version 6, 16 analogue channels at 200 fps (ViconNet compression) or 100 fps (H.264 compression); no internal HD, NTSC/EIA and PAL/CCIR

### 400 fps models.

- KS3B1-1000V6** Kollector Strike hybrid DVR; preloaded ViconNet Version 6, 16-channel networked digital video recorder, 400fps (200fps using H.264), internal OS HD, 1TB data HD and DVD drive, 4-channel audio, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR
- KS3-SANV6** Kollector Strike hybrid DVR; for use with external SAN-RAID only; preloaded ViconNet Version 6, 16 analogue channels at 400 fps (ViconNet compression) or 200 fps (H.264 compression); no internal HD, NTSC/EIA and PAL/CCIR



# Digital Recording & Network Video Systems

Additional Hard Drive Capacity:

- HDD-2000S** Ultra high capacity 2000GB (2Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.
- HDD-3000S** Ultra high capacity 3000GB (3Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.
- HDD-4000S** Ultra high capacity 4000GB (4Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.

**Important note:**

*The models listed above incorporate the latest version 6 ViconNet software. For expansion of existing version 5, 4, 3 or 2 ViconNet systems please contact the Sales Office.*

## Kollector Force Digital Recorders



Superior performance hybrid digital video recording system with full network capabilities. 3U chassis. Maximum 864 x 586 pixel resolution. Optimised MPEG-4 compression, H.264 or M-JPEG. 16x4 analogue matrix. 16 audio channels, 16 alarm inputs and 8 relay alarm outputs. Full video looping and dual monitor outputs. Automatic operation programmed through macros and executed by Scheduler. 200fps and 400fps models (PAL). Up to 3 additional internal hard disks for up to 10TB storage. Complete with 16-channel viewing software and ViconNet V6 master control software. Can access, control, configure and record from any Kollector unit on a network and up to 8 additional IP channels. Use of UPS is strongly recommended.

**200 fps model.**

- KF2-1000V6** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16-channel networked digital video recorder, 200fps (100fps using H.264), internal OS HD, 1TB data HD and DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.

**400 fps model.**

- KF3-1000V6** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16-channel networked digital video recorder, 400fps (200fps using H.264), internal OS HD, 1TB data HD and DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.

Additional Hard Drive Capacity:

- HDD-2000S** Ultra high capacity 2000GB (2Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.
- HDD-3000S** Ultra high capacity 3000GB (3Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.
- HDD-4000S** Ultra high capacity 4000GB (4Tb) Enterprise Hardened SATA hard drive  
. Additional hard drive pre-installed and pre-configured in a Kollector Strike.

**Important note:**

*The models listed above incorporate the latest version 6 ViconNet software. For expansion of existing version 5, 4, 3 or 2 ViconNet systems please contact the Sales Office.*

## Kollector Force Digital Recorders with Internal RAID



Superior performance hybrid digital video recording system with full network capabilities. 4U chassis. Maximum 864 x 586 pixel resolution. Optimised MPEG-4 compression, M-JPEG & H.264. 16x4 analogue matrix. 16 audio channels, 16 alarm inputs and 8 relay alarm outputs. Full video looping and dual monitor outputs. Automatic operation programmed through macros and executed by Scheduler. 200fps and 400fps models (PAL). Internal RAID storage - 1 to 3TB versions available. Complete with 16-channel viewing software and ViconNet V6 master control software. Can access, control, configure and record from any Kollector unit on a network and up to 8 additional IP channels. Use of a UPS is strongly recommended.

### 200 fps models.

- KF2-1000V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 200fps (100fps using H.264), cold-swappable removable OS HD, 1.0TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.
- KF2-2000V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 200fps (100fps using H.264), cold-swappable removable OS HD, 2.0TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.
- KF2-3000V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 200fps (100fps using H.264), cold-swappable removable OS HD, 3.0TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.

### 400 fps models.

- KF3-1500V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 400fps (200fps using H.264), cold-swappable removable OS HD, 1.5TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.
- KF4-1500V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 400fps (using H.264), cold-swappable removable OS HD, 1.5TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.
- KF3-3000V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 400fps (200fps using H.264), cold-swappable removable OS HD, 3.0TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.
- KF4-3000V6-R5** Kollector Force hybrid DVR; preloaded ViconNet Version 6, 16 channel networked digital video recorder, 400fps (using H.264), cold-swappable removable OS HD, 3.0TB usable RAID5 data, hot-swappable HDD, no DVD drive, 16-channel audio, 16x4 analogue video matrix, up to 8 additional IP channels at 25fps each. NTSC/EIA and PAL/CCIR.



## RAID storage systems



External mass storage for extended recording times. iSCSI-to-SATA RAID subsystem, single controller only, two-six host channel Gigabit Ethernet ports (model dependant), including 512MB DDR RAM, Redundant PSUs and fans.

**KOL-iRAID12-20000** 20TB RAID5 Array for use with ViconNet. 2U 12-bay rack mount. 12 x 2TB drives for hotspare (x1) and storage/parity (x11).

**KOL-iRAID16-28000** 28TB RAID5 Array for use with ViconNet. 3U 16-bay rack mount. 16 x 2TB drives for hotspare (x1) and storage/parity (x15).

**KOL-iRAID24-66000** 66TB RAID5 Array for use with ViconNet. 4U 24-bay rack mount. 24 x 3TB drives for hotspare (x1) and storage/parity (x23).

*For our full range of external RAID sizes, including SAN & NAS solutions, please contact the Sales Office.*

## Network Switches



**NETSWITCH-8-1000** Network switch, 8-channel LAN connections, 10/100/1000 auto-sensing ports.

**NETSWITCH-16-1000** Network switch, 16-channel LAN connections, 10/100/1000 auto-sensing ports.

**NETSWITCH-8-POE** Network switch, 8-channel LAN connections (up to 8 PoE @ 7.7W, 4 PoE @ 15.4W), 10/100/1000 auto-sensing ports.

**NETSWITCH-24-POE** Network switch, 24-channel LAN connections (up to 24 PoE ), 10/100/1000 auto-sensing ports.

## Uninterruptible Power Supplies

**V5130-UPS-RM** Single phase UPS, 1.25kVA, rack mount

## Non-ViconNet Digital Video Recorders



H.264 Digital recorder and multiplexer, quadraplex operation, single audio channel, alarm inputs, motion detection. Real-time recording with frame rates adjustable from 1 to 400 fps. Utilises hard drives optimised for digital video recording. Onboard storage up to 3Tb. Network matrix function. Mouse and keypad controllable.

<b>VDR-704C-500</b>	H.264 Digital Recorder, 4 channel, DVD drive and 500GB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>VDR-708C-500</b>	H.264 Digital Recorder, 8 channel, DVD drive and 500GB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>VDR-708C-1000</b>	H.264 Digital Recorder, 8 channel, DVD drive and 1TB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>VDR-716C-500</b>	H.264 Digital Recorder, 16 channel, DVD drive and 500GB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>VDR-716C-1000</b>	H.264 Digital Recorder, 16 channel, DVD drive and 1TB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>VDR-716C-2000</b>	H.264 Digital Recorder, 16 channel, DVD drive and 2TB hard drive with VGA output. Supplied with network viewing software. Includes remote controller. PAL/NTSC.
<b>HDD-2000SV</b>	Ultra high capacity 2000GB (2Tb) Enterprise Hardened SATA hard drive.
<b>VDR4-DVC</b>	Desk-top intelligent keypad with built-in 3-axis joystick. Provides complete switching and control functions for single and multiple VDR-4xx or VDR-7xx recorders.
<b>VDR400-MAC</b>	Optional matrix interlinking/audio input cable for VDR-4xx or VDR-7xx recorders.

# HDExpress Range



HDXPRES-16 16-channel embedded NVR

## HDExpress Network Video Recording System

Embedded NVR. Plug-and-play operation. Supplied without hard drives. Optimised for use with V992 camera range. Web interface and mobile phone applications (iPhone, iPad & Android).



- HDXPRES-4** 4-channel embedded NVR, 1U case, HDMI/VGA. 120FPS Recording and Display @1080P. Embedded POE ports for 4 cameras. (Max: 40W). Storage (2 internal drive bays): Max: 8TB internal storage + external eSATA
- HDXPRES-4-2TB** 4-channel embedded NVR, 1U case, HDMI/VGA. 120FPS Recording and Display @1080P. Embedded POE ports for 4 cameras. (Max: 40W). Storage 2TB
- HDXPRES-4-4TB** 4-channel embedded NVR, 1U case, HDMI/VGA. 120FPS Recording and Display @1080P. Embedded POE ports for 4 cameras. (Max: 40W). Storage 4TB
- HDXPRES-4-6TB** 4-channel embedded NVR, 1U case, HDMI/VGA. 120FPS Recording and Display @1080P. Embedded POE ports for 4 cameras. (Max: 40W). Storage 6TB
- HDXPRES-8** 8-channel embedded NVR, 1U case, HDMI/VGA. 240FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W). Storage (2 internal drive bays): Max: 8TB internal storage + external eSATA
- HDXPRES-8-4TB** 8-channel embedded NVR, 1U case, HDMI/VGA. 240FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W). Storage 4TB
- HDXPRES-8-6TB** 8-channel embedded NVR, 1U case, HDMI/VGA. 240FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W). Storage 6TB



- HDXPRES-16** 16-channel embedded NVR, 2U case, HDMI/VGA. 480FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W Internal for 8 cameras and 60W for 8 port external hub included). Storage (5 internal drive bays): Max: 20TB internal storage + external eSATA
- HDXPRES-16-8TB** 16-channel embedded NVR, 2U case, HDMI/VGA. 480FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W Internal for 8 cameras and 60W for 8 port external hub included). Storage 8TB
- HDXPRES-16-15TB** 16-channel embedded NVR, 2U case, HDMI/VGA. 480FPS Recording and Display @1080P. Embedded POE ports for 8 cameras. (Max: 72W Internal for 8 cameras and 60W for 8 port external hub included). Storage 15 TB



- HD-EXPRES-HUB8** 8 CH (IEEE802.3af) hub, 15.4W Max per port, 60W total. 2 x 1000 BASE-T Port (Up-Link to NVR)
- HDXPRES-ENCDR4** 4 channel encoder for HDExpress range.

### Fixed Camera Assemblies



**V992-N525** 1080P Mini-camera with integrated 5x lens. H.264/MJPEG IP day/night camera, 5-25mm megapixel motorized focus/zoom lens, PoE.

**V992-WM** Wall-mount bracket for V992-N525.



**V992B-IR** 1080P Mini bullet camera. 4mm fixed lens. H.264/MJPEG IP day/night camera, Integrated IR LEDs (distance 10m), PoE. IP66 rated



**V992D-IR4** 1080P Indoor Mini-Dome. 4mm fixed lens. H.264/MJPEG IP day/night camera. Integrated IR LEDs (distance 8m) PoE. Vandal Resistant. ONVIF



**V992D-N4** 1080P Indoor Mini-Dome. 4mm fixed lens. H.264/MJPEG IP day/night camera. PoE. Vandal Resistant. ONVIF

**V992D-N2** 1080P Indoor Mini-Dome. 2mm fixed lens. H.264/MJPEG IP day/night camera. PoE. Vandal Resistant. ONVIF

**Note:** V920, V960 and Cruiser series network cameras can also be used with an HDEExpress NVR.



## Analogue Domes



Surveyor VFT Impact-Resistant Camera Dome

Just because you're using an IP-based video management system doesn't mean that you need to rely exclusively on network cameras. Vicon offers analogue cameras for every application, and the analogue versions of our high-performance Surveyor VFT camera domes, offering up to 35X optical zoom, continue to be used in some of the world's tightest security settings. Use our cameras with the video management system of your choice, or, integrate them within your ViconNet system through the use of a Kollektor hybrid DVR or one of our encoder products. Either way, the video from these cameras will be fully compatible with the transmission and compression formats used by your ViconNet system.

## Surveyor VFT 23x Zoom Day/Night Camera Dome Systems



**SVFT-C23-C**

5" compact dome system includes variable speed drive, housing, integral day/night camera/ lens module with 23x optical zoom, lower dome and 24VAC power supply. Indoor lower domes are grey tint, outdoor are clear. Automatic or manual switching of day/night colour/ mono on camera for low light conditions. *(Domes can be ordered with optional on-board video transmission module for Twisted Pair - see opposite).*

INDOOR 5" compact dome system, IN-CEILING housing



**SVFT-P23-C**

INDOOR 5" compact dome system, PENDANT housing

**SVFT-W23-C**

OUTDOOR 5" compact dome system, WEATHERPROOF PENDANT housing

## Surveyor VFT 36x Zoom Day/Night Camera Dome Systems



**SVFT-W36-P**

5" compact dome system includes variable speed drive, housing, integral day/night camera/ lens module with wide dynamic range and image stabilisation and 36x optical zoom, lower dome and 24VAC power supply. Clear lower domes. Automatic or manual switching of day/night colour/mono on camera for low light conditions. *(Domes can be ordered with optional on-board video transmission module for Twisted Pair - see opposite).*

OUTDOOR 5" compact dome system, WEATHERPROOF PENDANT housing

## Cruiser PTZ Dome System



Economical PTZ Network Dome Camera with 4.5" diameter dome assembly.

**S660-P**

Cruiser PTZ Dome, 22x [3.9-85.8mm], 580TVL, surface/flush mount, TDN, 8 Privacy Masks, Motion Detection, 24 VAC, MicroSD, PAL.

**S660V-P**

Cruiser PTZ Dome, 22x [3.9-85.8mm], 580TVL, surface mount, vandal-proof, IP66, TDN, 8 Privacy Masks, Motion Detection, 24 VAC, MicroSD, PAL

**S660VW-P**

Cruiser PTZ Dome, 22x [3.9-85.8mm], 580TVL, surface mount, vandal-proof, IP66, TDN, 8 Privacy Masks, Motion Detection, 24 VAC, MicroSD, PAL., Includes heater/ sunshield.

**Note:** Cruiser domes require an S24-PS power supply (ordered separately).



### Surveyor VFT Impact-Resistant Camera Dome Systems



Dome system with all the features and appearance of the Surveyor VFT but with an aluminium upper housing and polycarbonate lower dome to provide exceptional protection against vandalism. Systems include variable speed drive, exterior housing, integral camera/lens, clear polycarbonate lower dome and 24VAC power supply. Standard Surveyor brackets are used for mounting. *(Domes can be ordered with optional on-board video transmission module for Twisted Pair - see below).*

**SVFT-M23C** DAY/NIGHT 23x camera/lens, impact-resistant dome system

**SVFT-M36P** DAY/NIGHT 36x camera/lens with wide dynamic range and image stabilisation, impact-resistant dome system

Optional on-board video transmission modules.

**T Option** TWISTED PAIR OPTION for Surveyor VFT Internal, External and Impact-Resistant domes. Enables video transmission down twisted pair wire. Add "-T" to model number of dome system.

**Note:** *ViconNet TCP/IP video transmission modules for direct connection to an IP network are listed in the IP Cameras and Edge Devices section.*

### Surveyor VFT Pressurised Camera Dome Systems



Dome system with all the features of the Surveyor VFT but with a sealed and pressurised housing that is environmentally controlled using a thermostatically controlled heater & fan assembly. Systems include variable speed drive, housing, integral camera/lens, clear lower dome and 24VAC power supply. *(Domes can be ordered with optional on-board video transmission module for Twisted Pair - see below).*

Complete dome systems:

**SVFT-PRS23C** DAY/NIGHT, 23x zoom, camera pressurised dome system with sealed, pendant housing. IP67

**SVFT-PRS36P** DAY/NIGHT, 36x zoom, wide dynamic range, image stabilisation, camera pressurised dome system with sealed, pendant housing. IP67

Accessories:

**SVFT-PR-WMA** WALL MOUNT for pressurised dome

**SVFT-PR-P** PIPE ADAPTER for mounting pressurised dome to 1½ inch diameter pipe

**SVFT-PRC12** Pre-wired coaxial cable assembly for use with the Surveyor VFT Pressurised dome, 12ft

**SVFT-PRC12T** Pre-wired twisted pair cable assembly for use with the Surveyor VFT Pressurised dome, 12ft

Optional on-board video transmission modules:

**T Option** TWISTED PAIR OPTION for Surveyor VFT Internal, External and Impact-Resistant domes. Enables video transmission down twisted pair wire. Add "-T" to model number of dome system.

**Note:** *ViconNet TCP/IP video transmission modules for direct connection to an IP network are listed in the IP Cameras and Edge Devices section.*

## Dome Controllers



**V1411X-DVC**

Keypad with built-in joystick for control and programming of Surveyor domes.



**V1411J-DVC**

Keypad as above but with 3-axis joystick with twist lens zoom feature.



**V1411A**

Video switching system to control up to 8 Surveyor domes. 2 monitor outputs. Must be used with V1410X-DVC, V1411X-DVC or V1411J-DVC keypad. Coax or twisted pair telemetry or a combination of both.

## Surveyor Dome Mounting Options



**SVFT-UWM**

Wall mount bracket for Surveyor VFT or Mini domes.

**V24CMB**

Corner mount bracket for use with SVFT-UWM.



**SVFT-WM**

Short wall mount bracket for Surveyor VFT or Mini domes.



**SVFT-UCM** Ceiling bracket for Surveyor VFT or Mini domes.

**SVFT-IC-KT** Surveyor VFT dome in-ceiling mounting rail kit for extra support



**SVFT-USN-PM** Pole mounted swan-neck bracket for Surveyor VFT or Mini domes.



**SVFT-UPM-1** Parapet mount for Surveyor VFT or Mini domes



**SVFT-URM-1** Roof mount for Surveyor VFT or Mini domes.

### Surveyor VFT Indoor Lower Dome Options

Acrylic dome, 5.88" diameter.

**SVFT-SMK** grey tint lower dome as spare.

## Compact Vandal Resistant Fixed Camera Domes



Vandal Resistant IP66 fixed camera dome systems. Includes a high-resolution colour/monochrome camera, clear lower dome with black inner mask. Surface or In-ceiling mount. Internal or External Use. 3 Year Warranty.

- V661D-312N-P** Vandal Resistant (IK10) Dome; Day/night with DNR, 600TVL resolution, 2.8-12mm varifocal auto-iris lens, 0.1/0.04lux, IP66, Surface/In-ceiling mount, 12VDC/24VAC PAL.
- V661D-312D-P** Vandal Resistant (IK10) Dome, WDR Day/night with DNR, 600TVL resolution, 2.8-12mm varifocal auto-iris lens, 0.14/0.03lux, IP66, Surface / In-ceiling mount, 12VDC/24VAC PAL.
- V661D-312IR** Vandal Resistant (IK10) Dome, WDR Day/night with DNR, 600TVL resolution, 2.8-12mm varifocal auto-iris lens, 0.14/0.03lux, IP66, Surface / In-ceiling mount, 12VDC/24VAC PAL.

**Note:** V661D Series domes require a VC24PS-240 power supply (ordered separately).

## Compact Heavy Duty Vandal Resistant Domes



Heavy Duty IP66 Vandal Resistant camera dome systems. External or internal use. Includes a choice of high-resolution colour, wide dynamic range colour or day/night colour/mono camera. Complete with auto-iris 2.8-12mm or 9-22mm varifocal lens, clear lower dome with black inner mask. 3 Year Warranty.

- V661V-312N-P** Heavy Duty Vandal fixed camera dome. 600 TVL, 0.14/0.03 lux, day/night camera, auto-iris 2.8-12mm varifocal lens, IK10 aluminium housing, IP66.
- V661V-922N-P-1** Heavy Duty Vandal fixed camera dome with 600 TVL, 0.14/0.03 lux, day/night camera, auto-iris 9-22mm varifocal lens, IK10 aluminium housing, IP66.
- V662V-312D-P** Heavy Duty Vandal fixed camera dome. Sony® Super HAD™II PS 960H CCD. 650 TVL, WDR, Day/Night, 0.4/0.04 lux, auto-iris 2.8-12mm varifocal lens, IK10 IP66 Aluminium housing.
- V662V-922D-P-1** Heavy Duty Vandal fixed camera dome. Sony® Super HAD™II PS 960H CCD. 650 TVL, WDR, Day/Night, 0.4/0.04 lux, auto-iris 9-22mm varifocal lens, IK10 IP66 Aluminium housing.
- V661V-312IR** Heavy Duty Vandal fixed camera dome. 600 TVL, Day/Night, WDR, 0.14 / 0.03 lux, auto-iris 2.8-12mm varifocal lens, 30 LEDs, IK10 IP66 Aluminium housing.

**Note:** V661V Series domes require a VC24PS-240 power supply (ordered separately).

## Fixed Dome Mounting Options



**V660-HDB243**

Wall-Mount bracket for SN660V-P, S660V-P, S660-P, V661D & V66xV domes.

**V660-HDB242-VS8**

Wall-Mount bracket for SN660V-P, S660V-P, S660-P, V661D & V66xV domes.



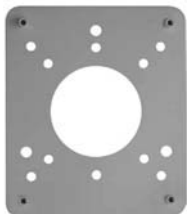
**V660-HVPWCB2**

Wall/Ceiling mount kit for Impact Resistant domes.



**V660-HCM150**

Corner-mount adapter for Impact Resistant domes. Used with V660-HVPWCB2.



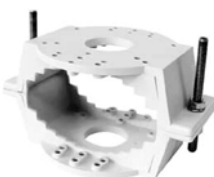
**V660-HCM154**

Adapter Plate for use with V660-HCM150 or V660-HCM151.(compatible with V660-HDB242-VS8 only)



**V660-HCM155**

Adapter Plate for use with V660-HCM150 or V660-HCM151.(compatible with V660-HDB243 only)



**V660-HCM151**

Pole-mount adapter for Impact Resistant domes. Used with V660-HVPWCB2.



**V660-HCS300**

In-Ceiling Mount for SN660V-P



**V660-HDA202**

NPT-pipe adapter for Impact Resistant domes.

**V660-HPB024**

Wall-mount bracket with power box for S660VW-P

**V660-HT202VF**

Heater Accessory for V660 series outdoor vandal proof domes. Extends unit's low range temperature to -30°C.



**V660-HDB242**

Pendant Arm for SN680 & S660VW PTZ.



**V660-HDB241**

Pole for SN680 & S660VW PTZ.

## Power Supplies

**VC12PS-DC-1A**

Converts 240 VAC to 12 VDC @ 1A

**VC24PS-240**

Power adaptor, converts 240 VAC to 24 VAC @ 500 mA

**S24-PS**

24VAC power supply. Converts 240VAC to 24VAC. 2.5 amps

# Analogue Cameras



V662-D-PM Fixed Analogue Camera

Just because you're using an IP-based video management system doesn't mean that you need to rely exclusively on network cameras. Use our cameras with the video management system of your choice, or, integrate them within your ViconNet system through the use of a Kollektor hybrid DVR or one of our encoder products. Either way, the video from these cameras will be fully compatible with the transmission and compression formats used by your chosen system.

## Super-High Resolution Day/Night Camera



A durable fixed camera that provides superior resolution of 600 TV lines with ICR (Infrared Cut Removable Filter) and digital wide dynamic range capabilities. Lightweight and compact, it can be mounted in a variety of locations where space is at a premium.

**V661-N-P** Day/night camera, 1/3" format with DNR, 600TVL resolution, 12VDC/24VAC, PAL. 3 year warranty. Requires VC24PS-240 or VC12PS-DC Power Supply.

**V661-N-PM** Day/night camera, 1/3" format with DNR, 600TVL resolution, 230VAC, PAL. 3 year warranty

## WDR Day/Night Camera



A durable fixed camera offering superior resolution of 650 TV lines, to provide high-quality images. The extended wide dynamic range is ideal for difficult lighting situations. The camera is designed for easy installation and setup.

**V662-D-P-1** WDR camera, Sony® Super HAD™II PS 960H CCD, day/night with DNR, 650TVL resolution, 12VDC/24VAC, PAL. 3 year warranty. Requires VC24PS-240 or VC12PS-DC Power Supply.

**V662-D-1-PM** WDR camera, Sony® Super HAD™II PS 960H CCD, day/night with DNR, 650TVL resolution, 230 VAC, PAL. 3 year warranty

## Camera Mounting Bracket



**VWA-2CCD/S** Indoor wall/ceiling silver plastic bracket for fixed cameras, 3 Kg max load

## IR LED Day/Night Bullet Camera package



**V660B-488IR-P** Outdoor bullet camera, 1/4-inch Sony Super HAD II CCD. 600 TVL. Day/Night D-WDR camera, 4-88mm varifocal motorized focus/zoom autoiris lens, 12VDC / 24VAC, PAL. 78 LED's, 3 year warranty. Requires VC24PS-240 or VC12PS-DC Power Supply.



### Roughneck Cell Camera



**V-CELL-P** Corner mount cell camera in a high security housing, 24VAC, integrated LED Infra red illuminator, 850nm, microphone & speaker and day/night camera with 2.5mm lens and privacy module. 24VAC/12VDC. Requires VC24PS-240 or VC12PS-DC Power Supply.

**V-CELL-REM** Remote Control for V-CELL-P

### Power Supplies

**VC24PS-240** Converts 240 VAC to 24 VAC, 0.5 amps.

**VC12PS-DC** Converts 240 VAC to 12 VDC. 0.5 amps

**S24-PS** 24VAC power supply. Converts 240VAC to 24VAC. 2.5 amps.



# Integrated Camera Assemblies



Commander Ruggedised PTZ Camera

## Commander Integrated Fully Functional Camera Assembly



Day/night high speed ruggedised PTZ camera with continuous rotation. Sealed to IP67 and designed to be installed in harsh and challenging environments or areas where the camera unit may be liable to experience physical abuse. Includes PSU, Tower Mount and 10m cable.

<b>COM-DN36-W</b>	Pan & Tilt. 36:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. Vandal resistant IP67. White.
<b>COM-DN36-B</b>	Pan & Tilt. 36:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. Vandal resistant IP67. Black.
<b>COM-IR18-W</b>	Pan & Tilt. 18:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. 100m Range IR LED. Vandal resistant IP67. White.
<b>COM-IR18-B</b>	Pan & Tilt. 18:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. 100m Range IR LED. Vandal resistant IP67. Black.
<b>COM-IR28-W</b>	Pan & Tilt. 28:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. 100m Range IR LED. Vandal resistant IP67. White.
<b>COM-IR28-B</b>	Pan & Tilt. 28:1 Optical Zoom WDR, 530TVL colour/mono camera, with wiper. 100m Range IR LED. Vandal resistant IP67. Black.

## Commander Integrated Thermal Imaging Camera Assembly



Day/night high speed ruggedised PTZ camera with continuous rotation. Sealed to IP67 and designed to be installed in harsh and challenging environments or areas where the camera unit may be liable to experience physical abuse. Includes PSU, Tower Mount and 10m cable.

<b>COM-TI36DA-40-B</b>	Dual head 25Hz 40° field of view, 550m/350m range thermal optical rugged PTZ camera. 320x240 thermal plus 36x zoom video. Black
<b>COM-TI36DA-16-B</b>	Dual head 25Hz 16° field of view, 1000m range thermal optical rugged PTZ camera. 320x240 thermal plus 36x zoom video. Black
<b>COM-TI36H-12-B</b>	Dual head 25Hz 12° field of view, 1500m range thermal optical rugged PTZ camera. 640x480 thermal plus 36x zoom video. Black
<b>COM-TI36H-35-B</b>	Dual head 25Hz 35° field of view, 650m range thermal optical rugged PTZ camera. 640x480 thermal plus 36x zoom video. Black

**Note:** Cameras listed above are also available as 9Hz versions at the same price.

### Accessories:

<b>COM-WM-W</b>	Wall-mount bracket for Commander fully functional assembly. White finish.
<b>COM-WM-B</b>	Wall-mount bracket for Commander fully functional assembly. Black finish.
<b>COM-SN-W</b>	Swan-neck bracket for Commander fully functional assembly. White finish.
<b>COM-SN-B</b>	Swan-neck bracket for Commander fully functional assembly. Black finish.
<b>COM-PM-W</b>	Pendant Pole bracket for Commander fully functional assembly. White finish.
<b>COM-PM-B</b>	Pendant Pole bracket for Commander fully functional assembly. Black finish.
<b>COM-CM-W</b>	Corner-mount bracket for Commander fully functional assembly. White finish.
<b>COM-CM-B</b>	Corner-mount bracket for Commander fully functional assembly. Black finish.
<b>COM-SS-W</b>	Sunshield for Commander fully functional assembly. White finish.
<b>COM-SS-B</b>	Sunshield for Commander fully functional assembly. Black finish.



# Matrix Systems



V1566 Pilot Select Matrix System

The most trusted name in analogue switching technology has enhanced its product offerings with the Pilot series of matrix switchers designed for system scalability and ease of expansion. From convenience stores to casinos, there is a Pilot system to suit every application and allow for virtually unlimited growth potential. Although overall capacity has been expanded, system programming has never been easier with an intuitive, internal graphic configurator.

As a complete solutions provider, Vicon has everything needed for integrated video switching and control systems. Variable speed joystick keypads such as the V1410 and V1411 series allow for total system control from a compact, desktop console. The V1500X-SCCS System Controller with touch-sensitive LCD display controls camera call-up and pan-tilt-zoom functions for any Pilot model, as well as any ViconNet device including the Virtual Matrix Controller (VMC).

External receivers and interface cards are available and data signals are distributed by Vicon's V1400X-IDL intelligent data-distribution line or V422-VI for Vicoax control. Hard-wired alarm inputs are also easily connected via the alarm interface module, model V1300X-IA.

### Matrix Switching Systems

Range	System Model	Max Inputs	Max Outputs	Alarm Inputs	Max No. Keypads	RS-232 Interface	Pre-pac available
	V1411A	16	4	16	4	no	n/a
Pilot Select	V1566	512	64	512	16	yes	yes
Pilot Ultra	V1599	8192	512	8192	512	yes	no

## Nova V1411 Systems



Video switching system for up to 16 inputs by 4 outputs. Must be used with V1410X-DVC, V1411X-DVC or V1411J-DVC keypad. Coax or twisted pair telemetry or a combination of both.

### V1411A

Maximum 8 cameras and 2 monitors. Use with programmable keypad.

## Pilot Select V1566 Matrix Switching System

Up to 512 camera inputs by 64 monitor outputs



The Pilot Select™ V1566 Digital Control and Matrix Switching System is a full-featured, digital control unit and matrix switcher for systems with up to 512 cameras and 64 monitors (using 4 card cages). The V1566 consists of one, two or four Pilot66/99 card cages that are populated with internal CPU, time/date/titler, switcher cards, or other control cards depending upon configuration. The system is designed for rack mounting and multiple units can be mounted in a large rack.

To order V1566 systems use a model number made up as follows: PS-[no of cameras]X[no of monitors]

<b>PS-32X16</b>	32 camera inputs, 16 monitor outputs.
<b>PS-64X16</b>	64 camera inputs, 16 monitor outputs.
<b>PS-96X16</b>	96 camera inputs, 16 monitor outputs.
<b>PS-128X16</b>	128 camera inputs, 16 monitor outputs.
<b>PS-160X16</b>	160 camera inputs, 16 monitor outputs.
<b>PS-192X16</b>	192 camera inputs, 16 monitor outputs.
<b>PS-224X16</b>	224 camera inputs, 16 monitor outputs.
<b>PS-256X16</b>	256 camera inputs, 16 monitor outputs.
<b>PS-32X32</b>	32 camera inputs, 32 monitor outputs
<b>PS-64X32</b>	64 camera inputs, 32 monitor outputs
<b>PS-96X32</b>	96 camera inputs, 32 monitor outputs
<b>PS-128X32</b>	128 camera inputs, 32 monitor outputs
<b>PS-160X32</b>	160 camera inputs, 32 monitor outputs



<b>PS-192X32</b>	192 camera inputs, 32 monitor outputs
<b>PS-224X32</b>	224 camera inputs, 32 monitor outputs
<b>PS-256X32</b>	256 camera inputs, 32 monitor outputs

**For prepac systems with more than 256 cameras inputs or more than 32 monitor outputs please call the Sales Office.**

## Pilot Ultra V1599 Network Switching & Control System



Capable of addressing over 8000 cameras and 500 monitors and keypad stations. Operation over a LAN/WAN environment.

**Please call the Sales Office for a quotation**

## Keypad Controllers



**V1411X-DVC**

Desk-top intelligent keypad with built-in joystick. Provides complete switching and control functions for variable and fixed speed camera stations.



**V1411J-DVC**

Desk-top intelligent keypad with built-in 3-axis joystick with twist lens zoom feature. Provides complete switching and control functions for variable and fixed speed camera stations.



**V1500X-SCCS**

Desk-top multifunction controller; works with ViconNet, including VMC, and Pilot matrix systems; touch-sensitive LCD, 3-function joystick and jog/shuttle wheel.

**V1300X-PKA**

Matrix programming keyboard.

## Other Equipment



### **V1400X-IDL**

RS-422 data distributor enables the creation of a star configuration of up to 10 keypads or receivers from the CPU. Cascadable.



### **V422-VI**

Translator. Converts RS-422 telemetry to coaxial control, 16 channels.

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## 12 Function AC Receivers

### **V1306R**

Compact, 12 function receiver, no pre-set, 230 VAC input, 24 VAC output.

### **V1306R-MVI**

Mains voltage interface to enable the use of V1306R receiver with 230 VAC pan & tilt heads.

# Monitors



High resolution cameras and high-performance software lose their effectiveness if security personnel are hindered by a fuzzy on-screen image. Vicon offers a wide selection of LCD monitors that deliver clear, crisp video. Our selection includes several wide-screen, high definition models that display the detail captured by megapixel cameras and allow for multi-camera displays with exceptional size and detail provided for each video feed. Combine multiple monitors with Vicon's virtual matrix display controller to create sophisticated command centres.

## LCD & LED Monitors



Vicon offers a wide selection of LCD & LED monitors that deliver clear, crisp video. Our selection includes several wide-screen, high definition models that display the detail captured by megapixel cameras and allow for multi-camera displays with exceptional size and detail provided for each video feed.

<b>VM-719E</b>	18.5" TFT LCD screen, 1366 x768, input sources: analogue RGB, HDMI, PC stereo in. 100-240 VAC 50/60 Hz, PAL or NTSC
<b>VM-6215LED</b>	21.5" TFT LCD screen, 1366 x1024, input sources: analogue RGB, HDMI, PC stereo in/out 16:9 ratio. 100-240 VAC 50/60 Hz, PAL or NTSC
<b>VM-722P</b>	21.5" TFT LCD screen, 1680 x1050 (WSXGA), input sources: 2x composite BNC, analogue RGB, HDMI, PC stereo, 16:10 ratio. 100-240 VAC 50/60 Hz, PAL or NTSC.
<b>VM-632LED</b>	32" LED Monitor; resolution up to 1920 x 1080 (depending on scan rate); HDTV; stereo; accepts NTSC/PAL, HDMI/DVI Inputs.
<b>VM-742LED</b>	42" LED Monitor; resolution up to 1920 x 1080 (depending on scan rate); HDTV; stereo; accepts NTSC/PAL.

# Housings



ALU-2500/230 Weatherproof Housing

Vicon camera housings protect fixed cameras and lenses in the harshest environments. Indoor, outdoor and explosion-proof housing options are available.

## Weatherproof - Outdoor



- |                        |  |
|------------------------|--|
| <b>ALU-2500/230</b>    | Weatherproof aluminium camera housing with sunshield and thermostat regulated 230 VAC heater. Wall mounted. IP67 rated.                      |
| <b>ALU-2500/230F</b>   | Weatherproof aluminium camera housing with sunshield and thermostat regulated 230VAC heater and fan. Wall mounted. IP67 rated.               |
| <b>ALU-2500/12</b>     | Weatherproof aluminium camera housing with sunshield and thermostat regulated 12 VDC heater. Wall mounted. IP67 rated.                       |
| <b>ALU-2500/CM/12</b>  | Cable managed weatherproof aluminium camera housing with sunshield and thermostat regulated 12 VDC heater. Wall mounted. IP67 rated.         |
| <b>ALU-2500/CM/230</b> | Cable managed weatherproof aluminium camera housing with sunshield and thermostat regulated 230 VAC heater. Wall mounted. IP67 rated.        |
| <b>ALU-2500/230/AV</b> | Weatherproof aluminium camera housing, anti vandal, with sunshield and thermostat regulated 230VAC heater. Includes wall mount bracket. IP67 |

*Maximum camera and lens dimensions: 250 x 70 x 70 (mm)*

- |                       |   |
|-----------------------|---|
| <b>ALU-2500/NT/24</b> | Power supply for assembly into ALU-2500 housing. 230 VAC in, 12 VDC/24 VAC out. |
|-----------------------|---|

# Mountings



V814AWM Wall Mount

## Adjustable Wall Mounts



**V814AWM**

Indoor/outdoor, 9.1Kg max load. Length 295mm.



**VWA-2CCD/S**

Indoor wall/ceiling silver plastic bracket for box cameras, 3 Kg max load. Length 151mm.



**VWA-3CCD**

Low cost indoor, plastic, 3 Kg max load. Length 205mm.

## Ceiling Mounts



**V800ACM**

Light-duty, indoor, 3.4 Kg max load. Length 140mm.

## Pole Adapters

**MA-ALU-2500**

Pole mount for ALU-2500 housing. For 60mm - 160mm diameter pole.



**V20B-A**

Heavy-duty pole adapter to enable use of V24WM, V2400WM, V1600WM, SVFT-UWM and V2000WM mounts. For 76mm - 250mm diameter pole.



# Lenses



Varifocal lenses from Vicor offer adjustable focal lengths to obtain the desired field of view. From wide angle to telephoto, models are available to capture close and distant targets. IR lenses can be used with infrared illuminators and eliminate focus shift in day/night cameras. Megapixel lenses are also available

## Varifocal Lenses

### Varifocal MegaPixel Lenses (for use with V961/V962 camera)

<b>MPT550VFD</b>	1/3" Megapixel varifocal lens, 5-50mm, f1.4, direct drive, CS Mount.
<b>MPT850VFD-IR</b>	1/2.7" Megapixel varifocal lens, 8-50mm, f1.6, direct drive, CS Mount
<b>MPT2460VFD</b>	1/3" Megapixel varifocal lens, 2.4-6mm, f1.4, direct drive, CS Mount

### Varifocal IR Corrected Lenses (for use with day/night cameras)

<b>VT28810VFD-IR</b>	1/3 inch, auto-iris 2.8-11.0mm, f1.4, IR pass optics, CS mount, direct drive.
<b>VT3080VFD-IR</b>	1/3 inch, auto-iris 3-8mm, f1.0, IR pass optics, CS mount, direct drive.
<b>VT1040VFD-IR</b>	1/3 inch, auto-iris 10-40.0mm, f1.4, IR pass optics, CS mount, direct drive.

### Varifocal IR Corrected MegaPixel Lenses (for use with V961/V962 camera)

<b>MPT2880VFD-IR</b>	1/3" Megapixel varifocal lens, 2.8-8mm, f1.2, direct drive, IR pass optics, CS Mount
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*For zoom lenses please call the Sales Office.*

## Miscellaneous



Vicon Video Transmitters & Receivers

For the support of analogue video products, Vicon offers a variety of transmission solutions that deliver superior performance and reliability over extended distances. These include twisted pair and UTP video transmission products, video distribution amplifiers, fibre-optic transmitters and receivers, ground loop correctors and surge protectors. For assistance identifying the product that will work best within your specific installation, contact the Sales Office.

## Multiplexer



**V5616MUX**

Real-time colour triplex multiplexer; 16 camera inputs, PAL/NTSC (not compatible with AurorA units).

## Real-Time Quad



**V5400QS**

Real-time colour quad, 12 VDC, PAL/NTSC, includes rack mount kit.

## Amplifier



**V-DA-8-16**

Video distribution amplifier. Can be configured: 1 input x 16 output, 2 input x 8 output, 4 input x 4 output, 8 input x 2 output. Desk-top housing/19" 1U. 12 VDC.

## Ground Loop Corrector



**V235GLTA-1**

Passive ground loop corrector for vicoax systems

## Twisted-Pair Video Transmission



- V214A-M** Passive video transceiver. Transmits or receives video and coaxial data up to 500 ft over twisted pair. Can be used as a receiver for NVT enabled domes.
- V653T** Active video transceiver. Transmits video up to 3000 ft over twisted pair.
- V652R-NVT** Video receiver. Receives video from V213-NVT transmitter up to 3000 ft over twisted pair. Can be used as a receiver for NVT enabled domes.
- V813** 8 channel passive hub. Used to receive video from V214A-M or NVR enabled domes.
- V1672** 16 channel active video receiver. Can be used as a receiver for V653T or NVT enabled domes.
- V3272** 32 channel active video receiver. Can be used as a receiver for V653T or NVT enabled domes.

*For Power, Video & Data transmission equipment, please call the Sales Office.*

## Surge Protection



- V15LPG** Low-cost coupling to suppress transients and voltage surges on video line.



- VDTK-DP4P** Surge protection for video, data and power for use with fully functional cameras.
- VDTK-PVPIP** Surge protection for IP signals.
- VDTK-PVP27C** Surge protection for video and power for use with fixed cameras.

## Fibre Optic Transmission

<b>VFVT11M</b>	Mini video Transmitter, 1 fibre, Multi-mode. Includes PSU.
<b>VFVR10</b>	Video Receiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVT41M1</b>	4 Channel Digital Video Transmitter, 1 fibre, Multi-mode. Includes PSU.
<b>VFVR41M1</b>	4 Channel Digital Video Receiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVT81M1</b>	8 Channel Digital Video Transmitter, 1 fibre, Multi-mode. Includes PSU.
<b>VFVR81M1</b>	8 Channel Digital Video Receiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVT1031M1</b>	Digital Video Transmitter / Data Transceiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVR1031M1</b>	Digital Video Receiver / Data Transceiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVT412M1</b>	4 Channel Digital Video Transmitter, 2 Channel Data Transceiver, 1 fibre, Multi-mode. Includes PSU.
<b>VFVR412M1</b>	4 Channel Digital Video Receiver, 2 Channel Data Transceiver, 1 fibre, Multi-mode. Includes PSU.
<b>VCNFE1002M1A</b>	Media Converter, 100Mbps, 1 fibre, Multi-mode.
<b>VCNFE1002M1B</b>	Media Converter, 100Mbps, 1 fibre, Multi-mode.
<b>VC1-UK</b>	14 way rack.
<b>VC1-BP</b>	Single slot blanking panel for rack.

## Ethernet over Coaxial or UTP Cable

<b>CE-1COAX</b>	Single-channel Ethernet over coax copper media converter with pass-through PoE, Mini.
<b>CE-4COAX</b>	Four-channel Ethernet over coax copper media converter with pass-through PoE, Module
<b>CE-8COAX</b>	Eight-channel Ethernet over coax copper media converter with pass-through PoE, 1U, 19".
<b>CE-16COAX</b>	Sixteen-channel Ethernet over coax copper media converter with pass-through PoE, 1U, 19".
<b>CE-1UTP</b>	Single-channel Ethernet over UTP media converter with pass-through PoE, Mini
<b>CE-4UTP</b>	Four-channel Ethernet over UTP media converter with pass-through PoE, Module
<b>CE-8UTP</b>	Eight-channel Ethernet over UTP media converter with pass-through PoE, 1U, 19"
<b>CE-16UTP</b>	Sixteen-channel Ethernet over UTP media converter with pass-through PoE, 1U, 19"

### Illumination

- VI-2515** 16x IR LEDs. Supplied with 15° lens for 250m range. 25° (170m) or 60° (100m) lens versions also available at no additional cost. Specify at time of order placement.
- VI-1315** 4x IR LEDs. Supplied with 15° lens for 130m range. 25° (70m) or 60° (40m) lens versions also available at no additional cost. Specify at time of order placement.
- VW-3015** 16x White LEDs. Supplied with 15° lens for 300m range. 25° (250m) or 60° (150m) lens versions also available at no additional cost. Specify at time of order placement.
- VW-1515** 4x White LEDs. Supplied with 15° lens for 130m range. 25° (70m) or 60° (40m) lens versions also available at no additional cost. Specify at time of order placement.





# Professional Services

At Vicon, we realize that selecting a security system marks the beginning of a long-term relationship. You've chosen a system in which to place your trust for years to come and, while installation may not be complete for some time, your financial and emotional investment begins at the time you make that commitment to purchase.

That's why it's so important for you to feel confident in your choice from day one — long before your system is operational. And Vicon is determined to make that happen, offering a range of professional services that ensures your entire experience is trouble-free.

## Training, Classes & Field Services

Vicon's professional services provide factory pre-configuration of a ViconNet system, field services and training.

<b>TRAINER</b>	PROFESSIONAL TRAINER; customised training course; price per day; additional travel expenses. Course includes system design, installation, operation, troubleshooting and course materials.
<b>CLASS-REG</b>	REGISTRATION FEE; for Vicon certified dealer training course; per student.
<b>FLD-ENG</b>	FIELD ENGINEER/PROJECT ENGINEERING; on-site engineering; price per day; additional travel expenses. Services include installation support, troubleshooting, system commissioning, and advanced system programming.

## Factory Direct System Configuration

<b>PRO-SVC-CAMADV</b>	Pre-configuring of Network Cameras; configuring advanced camera parameters (i.e., WDR, AGC, low light, day/night, etc.); fee per camera.
<b>PRO-SVC-CAMIP</b>	Pre-configuration of Network Cameras; fee per camera; includes setup of camera name, network configuration, video stream, time synchronisation and labelling
<b>PRO-SVC-DVR</b>	Configuration of DVRs; fee per DVR; set up includes DVR name, camera name, network configuration, Nucleus association, time synchronisation, storage database configuration, auto-record verification basic recording macro, labelling.
<b>PRO-SVC-NVR</b>	Configuration of NVRs; fee per NVR; set up includes NVR name, network configuration, Nucleus association, time synchronisation, storage database configuration, basic recording macro and labelling.
<b>PRO-SVC-NUC</b>	Configuration of Nucleus; fee per unit; set up includes unit name, network configuration, time synchronisation, user and group additions, import of Vicon and third party cameras and labelling
<b>PRO-SVC-WS</b>	Configuration of Workstation; fee per workstation; set up includes workstation name, network configuration, Nucleus association, time synchronisation and labelling.
<b>PRO-SVC-VMDC</b>	Configuration of VMDC; fee per VMDC; set up includes unit name, network configuration, Nucleus association, time synchronisation and labelling.
<b>PRO-SVC-DECODER</b>	Configuration of 2 channel decoder; fee per decoder; set up includes unit name, network configuration, Nucleus association, time synchronisation and labelling.
<b>PRO-SVC-KEYPAD</b>	Configuration of Keypad; fee per unit; set up includes network configuration, host association and labelling.
<b>PRO-SVC-H264ENC</b>	Configuration of H264ENC; fee per unit; set up includes unit name, network configuration, Nucleus association, time synchronisation and labelling.
<b>PRO-SVC-ENCDR</b>	Configuration of 16 channel Encoder; fee per unit; set up includes unit name, network configuration, Nucleus association, time synchronisation and labelling.
<b>PRO-SVC-WEB</b>	Configuration of Web Service; fee per unit; set up includes unit name, network configuration, Nucleus association, time synchronisation and labelling.



# Terms of Trading

## Terms of Trading

**All Orders accepted are subject to the published Terms of Trading of Vicon Industries Ltd**

### GENERAL

These Terms of Trading ("the Terms"), unless agreed to in writing by the Company, supersede any earlier sets of terms appearing in the Company's catalogues or elsewhere and shall override any terms and conditions given verbally or referred to by the Purchaser whether in the order, in any negotiations or elsewhere. "Company" means Vicon Industries Ltd. "Purchaser" means the person, firm or corporation placing the order and/or named as such in the invoice. "Goods" means the products, articles, or things supplied by the Company and which are described in the invoice. "Order" means the order placed by the Purchaser for the Goods. "Special Order" means the order placed by the Purchaser for the Goods where the quotation or written acknowledgement of the Order from the Company identifies the Order as a Special Order.

### PAYMENT

All Orders are subject to acceptance by the Company. Terms of payment are net and payable thirty (30) days from the date of each invoice. Amounts outstanding and unpaid beyond the time specified in these Terms may, at the discretion of the Company, accrue interest at the rate of 1% per month and such interest shall accrue on a day-to-day basis until payment is made and shall be included in the payment made. Where the contract is to be or may be fulfilled in separate instalments, payment for each such instalment or delivery of part shall be made as if the same constituted a separate contract.

### PRICES

Prices are subject to change without notice and, unless otherwise agreed upon in writing, all Orders are executed subject to prices ruling at the date of Vicon acceptance of Order and any price list of the Company, whether published or not, shall not affect the right of the Company to charge for Goods in accordance with this clause. If any Order is varied or suspended as a result of the Purchaser's instructions or lack of instructions, prices may be increased to cover any extra expenses thereby incurred by the Company.

### CREDIT

All Orders are subject to credit approval by the Company prior to delivery. Credit will not be approved without completion of the Company's credit application.

### RESERVATION OF TITLE

Without prejudice to and notwithstanding anything herein contained, the ownership and title in all Goods (whether incorporated in or used as components for other goods) supplied by the Company to the Purchaser shall remain with the Company until payment in full (including any interest thereon) has been received, and all the Company's rights hereunder in the Goods shall extend to such other goods. The risk in the Goods shall pass to and be borne by the Purchaser on dispatch. Until ownership of and property in the Goods shall pass to the Purchaser, the Purchaser, in his capacity as a fiduciary owner, will ensure that the Company is notified of the location of the Goods which shall at all times be readily identifiable as the Goods supplied by and the property of the Company and will permit the Company access to such location for inspection and collection of the Goods.

### NEW ACCOUNTS

If credit clearance has not been obtained in accordance with these terms, then new accounts shall be required to submit a cheque or banker's draft with the Order.

### CLEARANCE FOR SHIPMENT

Orders the subject of credit clearance will not be shipped until the cheque has been cleared or credit clearance obtained. Any delivery dates given by the Company indicate estimated delivery times and shall not amount to any contractual obligation to delivery at the time stated. No liability for direct or consequential loss or damage arising from delay in delivering will be accepted by the Company. The Company may make partial shipments unless otherwise specified by the Purchaser.

### DELINQUENT ACCOUNTS

Without prejudice to all or any other rights and remedies of the Company if any accounts are delinquent over thirty (30) days from the date payment is due in accordance with these Terms, the Purchaser will automatically be placed on credit stop and the Company reserves the right to withhold further deliveries to the Purchaser on this Order or other Orders placed by the Purchaser.

## QUALIFIED DEALERS

The Company reserves the right to refuse Orders of certain Goods where the Purchaser has not been factory qualified or, in the opinion of the Company, lacks sufficient technical expertise to sell such Goods.

## SPECIAL ORDERS

Special Orders will carry a cancellation fee of 100% of the price of the Goods. No returns will be accepted for Special Order items once completed or delivered.

## MINIMUM ORDERS

The Company reserves the right to refuse Orders below established minimum levels. Such levels may change at any time at the sole discretion of the Company.

## BANKRUPTCY AND INSOLVENCY

In the event that the Purchaser defaults or commits a breach of any of his obligations to the Company, or if any distress or execution is levied upon the Purchaser, his property or assets, or if the Purchaser shall make or offer to make any arrangements or composition with creditors or if the Purchaser is an individual and commits any act of bankruptcy or any petition or receiving order in bankruptcy shall be presented or made against him, or if the Purchaser is a limited company and any resolution or petition to wind up such company's business shall be passed or presented otherwise than through reconstruction or amalgamation or if a Receiver or Liquidator of such company's undertaking property or assets or any part thereof shall be appointed, then (a) the Receiver or the Liquidator will notify the Company forthwith as to the whereabouts of the Goods and will permit the Company to recover the Goods in accordance with these Terms, (b) the Company shall have the right forthwith to suspend all further deliveries, or at the Company's option, to make partial deliveries, (c) the Company may terminate any Order then subsisting and, upon written notice of such termination being posted by the Company to the Purchaser's last known address, any subsisting Order shall be deemed to have been terminated without prejudice to any claim or right the Company might otherwise make or exercise.

## RETURNED GOODS

Goods may not be returned to the Company for repair or replacement under warranty, for repair or rejection, or for any other reason, without the Company's consent and the issuance of a Return Authorisation ("RA") number. No Goods may be returned to the Company for rejection beyond 30 days after invoice date. All Goods returned with the Company's consent must be prepaid, insured, and properly packed and the RA number must be referenced on all correspondence and must be visible on the exterior of the packing carton or box of the Goods being returned. The Purchaser may not return Goods supplied which are not standard catalogue items. See Special Order. The Company reserves the right to make a minimum additional charge of 25% of the net invoice value or £25, whichever is greater, on all those Goods properly supplied which have been returned to the Company, to cover the cost of checking, refurbishing as required and restocking or re-delivering the returned Goods.

## CLAIMS

Any claims for damage to Goods in transit, or short delivery must be made in writing to the Company and the carrier within three (3) days of delivery. The packing and contents should be retained for inspection. If Goods are not received by the Purchaser within seven (7) days of the invoice date, the Company and the carrier should be notified immediately.

## CANCELLATION

Orders accepted by the Company may be cancelled by the Purchaser at the Company's discretion and shall be subject to payment by the Purchaser of a cancellation charge.

## VALUE ADDED TAX

Where chargeable, value added tax will be charged at the rate applicable at the date of dispatch.

## ENGLISH LAW

These Terms shall be governed by English Law.

## CARRIAGE

The Company reserves the right to make a charge for carriage, insurance and packing on all Orders and all shipments from all Vicon UK distribution outlets.

## DELAY

The Company shall not be liable for any delay or failure to perform any of its obligations hereunder if that delay or failure is due to causes outside the reasonable control of the Company. However, no neglect, delay or indulgence on the part of the Company in enforcing the provisions of these Terms, shall prejudice the rights of the Company or be construed as a waiver thereof nor shall any provisions of these conditions be capable of variation except in writing signed by an authorised signatory of the Company.

## **QUALIFIED DEALERS**

The Company reserves the right to refuse Orders of certain Goods where the Purchaser has not been factory qualified or, in the opinion of the Company, lacks sufficient technical expertise to sell such Goods.

## **DESCRIPTION AND COPYRIGHT**

All descriptions, specifications, drawings and other particulars issued by the Company are intended to present a general description of the Goods to which they refer and shall not be deemed to have induced the Purchaser to enter, nor shall form part of, the contract. All descriptions, specifications, drawings and other information issued by the Company shall remain the property of the Company together with the copyright therein.

## **PATENTS**

The Purchaser shall indemnify the Company against all damages, penalties, costs and expenses to which the Company may become liable if any work done in accordance with the Purchaser's specification involves an infringement of a registered design or patent.

## **EXCHANGE RATES**

Unless otherwise agreed by the Company in writing, the purchase price specified on the invoice, subject to these Terms, will be paid in pounds sterling and no allowance will be made in the event of any fluctuation of exchange rates.

## **EQUIPMENT WARRANTY**

This return and Warranty Policy Statement applies to Vicon equipment purchased directly from Vicon. If you did not acquire the Vicon equipment directly, return the equipment to the place of purchase. As all statements herein are subject to change, please check our website at [www.vicon-security.co.uk](http://www.vicon-security.co.uk) for the latest policy. If you have questions about this policy, please contact the appropriate customer service centre.

## **RETURNING VICON PRODUCTS**

Before you can return any product to Vicon, you must obtain a return material authorization (RMA). This applies to all product returns, including warranty repair/replacements, non-warranty repairs, advance replacements, and credit returns.

To obtain an RMA, contact the appropriate Vicon customer service centre for your product, and have the product and the following information ready:

- Original PO number
- Model number
- Serial number

Customer Service will provide you with an RMA number and an RMA acknowledgment form that confirms your request. Once you have the RMA, repackage the product appropriately and attach the RMA acknowledgement form on the outside of the package. Then send the product to the return location given by the customer service centre.

All products must be returned freight prepaid within 30 days of obtaining an RMA. We reserve the right to cancel the RMA after 30 days.

Vicon will not accept unauthorized returns or freight collection returns; we will return these to you at your expense. If a returned product contains parts that are no longer available or repairable, we will contact you to discuss resolution and return of the material.

## **CUSTOMER SERVICE CENTRES**

### **United Kingdom**

Phone: +44 1489 566300

E-mail: [sales@vicon.co.uk](mailto:sales@vicon.co.uk)

### **Germany**

Phone: +49 4321 879 0

E-mail: [info@vicon-security.de](mailto:info@vicon-security.de)

## WARRANTY REPAIR/REPLACEMENTS

Subject to the terms of the limited warranty in effect at the time of purchase, Vicon will repair or replace a product that fails to meet the terms provided, within the product's warranty period. The actual warranty period starts from either a) the date of shipment from Vicon's facility (point of origin) or b) the manufacturer's date code (if the shipment date is unknown). Warranty periods vary based on product category and type of equipment.

For all warranty repairs, Vicon will cover parts and labour. We will return equipment via the same incoming ship method at no additional charge. If you request a different return ship method, we will charge for the full shipping cost. Data Recovery is not covered under this warranty and is not part of the warranty returns process.

## NON-WARRANTY REPAIRS

Non-warranty repairs are granted an extended warranty of 90 calendar days for all products.

For all non-warranty repairs, Vicon will provide you with a repair estimate that includes charges for parts, labour (in half-hour increments), and all shipping. Repair charges may be based on a flat rate or parts and labour, and will vary based on actual equipment and condition. You may pay for non-warranty repair charges by purchase order or credit card.

## ADVANCE REPLACEMENT

Advance replacement products are new or like-new refurbished products and carry a full original equipment warranty. Vicon may send advance replacement product to replace defective equipment that has failed upon initial install. We will ship advance replacements via ground the next business day. (In emergencies we may ship replacements by air.)

Our repair department will evaluate the returned product to determine whether it is a warranty or non-warranty replacement and charge you accordingly. We will invoice advance replacements at shipment and credit you upon receipt of the defective product. If we determine, however, that the returned product is in good working order or that performance issues were due to improper installation, misuse, abuse, or other user-related causes, we will issue no credit and you will remain responsible for paying the invoice. Note: Advance replacement is not available for custom products.

## CREDIT RETURNS

Vicon will refund or credit new, standard production items that are unused and in the original unopened shipping cartons for a period of 30 days from the original date of shipment. All returned merchandise is subject to a 25% restocking fee. Products that have failed upon initial install within 90 days from the date of shipment (or date of manufacture if shipment date is unknown) may be returned for credit without a restocking fee. As with advance replacements, if we determine that the returned product is in good working order or that performance issues were due to improper installation, misuse, abuse, or other user-related causes, we will issue no credit and you will remain responsible for paying the invoice.

**Note:** "Special Order" means the order placed by the Purchaser for the Goods where the quotation or written acknowledgement of the Order from Vicon identifies the Order as a Special Order. Credit is not available for Special Order products.

## PACKAGING YOUR SHIPMENT

Protecting the value of returned products by packaging and shipping them correctly is your responsibility. Personal information from the product should be removed prior to its return. Vicon may not return the original hard drive(s); therefore, the consumer is responsible for moving data to another media before returning. We reserve the right to deny warranty coverage for any damage caused by failing to meet the following packaging requirements:

- All electronic components must be taped and/or contained in their original electrostatic protective packaging or an equivalent substitute.
- All parts must be packed securely inside the external shipping carton to prevent mechanical damage.
- External packaging must be sufficient to protect the contents from the usual hazards of shipping.

### PRODUCT WARRANTY PERIODS

Products Sold after 1 January 2013. Vicon warrants its equipment to be free from defects in material and workmanship under normal use from the date of invoice for a period of three years with the following exceptions:

Product warranty exception periods

Product	Warranty
PTZ Camera	Prolonged use of lens and pan-and-tilt motors, gear heads, and gears due to continuous use of “auto-pan” or “tour” modes of operation is outside the scope of this warranty.
VDR	1 Year
Monitors	1 Year





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[www.viconme.com](http://www.viconme.com)

Published by Vicon Industries Ltd.,  
Brunel Way, Fareham,  
Hampshire, PO15 5TX,  
United Kingdom.  
Registered in England No. 1551194  
Issued April 2014.